

Claims

1. A fluid-filled elastomeric bladder disposed in a vehicle seat for occupant weight estimation, said bladder comprising first and second sheets of elastomeric material that are peripherally joined to form a closed volume that is  
5 filled with fluid, at least one of said first and second sheets of elastomeric material having a thickness in the range of 1 mm (0.04 inch) to 2.54 mm (0.100 inch).

2. An elastomeric bladder according to Claim 1, wherein said first sheet of elastomeric material has a thickness of approximately 0.375 mm (0.015 inch) and said second sheet of elastomeric material has a thickness in the range of 1  
5 mm (0.04 inch) to 2.54 mm (0.100 inch).

3. An elastomeric bladder according to Claim 2, wherein said first sheet is an upper sheet of said bladder.

4. An elastomeric bladder according to Claim 2, wherein said first sheet is a lower sheet of said bladder.

5. An elastomeric bladder according to Claim 1, wherein said first sheet and second sheets of elastomeric material both have a thickness in the range of 1 mm (0.04 inch) to 2.54 mm (0.100 inch).

6. An elastomeric bladder according to Claim 5, including an annular sheet of elastomeric material having a thickness of approximately 0.375 mm

- (0.015 inch) peripherally joining said first and second sheets of elastomeric material to form a closed volume, said annular sheet being seam welded to
- 5 peripheral portions of said first and second sheets.